

PROJECT SUMMARY

I. INTRODUCTION

A construction permit application has been submitted by Saint-Gobain for a furnace rebuild project. The conditions in the proposed permit for the project are based on the project not being a major modification under 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The proposed permit conditions include emission limitations, testing requirements, monitoring requirements, recordkeeping requirements, and reporting requirements.

II. SOURCE DESCRIPTION

Saint-Gobain operates a glass container plant located in Lincoln, Illinois, Logan County. Logan County is designated as attainment for all pollutants.

In this project, the glass furnace will be altered by replacing or reconfiguring numerous components including burners, batch delivery system, charger, melter bottom, doghouse, throat, electrodes, refiner/distributor, and instrumentation. Because these alterations have the potential to increase the capacity and the emissions of the furnace, the project qualifies as a modification of the furnace.

Two new annealing lehrs will be installed, which will replace existing annealing lehrs. A diesel-fired emergency generator is being added to address plant electricity requirements.

III. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois. The Board has standards for sources of nitrogen oxides, carbon monoxide, volatile organic material, sulfur dioxide, and particulate matter. This site readily complies with all applicable Board standards.

IV. PROPOSED PERMIT

The conditions of the permit would contain limitations and requirements that are intended to assure that this project will not trigger the requirements of PSD. The permit conditions establish appropriate compliance procedures, including testing requirements, monitoring requirements, recordkeeping requirements, and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the plant is operating within the limitations set by the permit.

V. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution control requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a construction permit for this project. Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit.

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